



UNISPARK

Universal Engineering College

Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University

Irinjalakuda , Vellangallur Road, Thrissur - 680 123, Kerala, Ph: +91 480 2864177, Email: info@uec.ac.in, www.uec.ac.in



VISION

Provide excellent engineering education, imparting skill development and innovation ecosystem to create engineers that cater to the needs of the society with strong ethical values

MISSION

- Qualified faculty and intact infrastructure, bestow creative and innovative engineering education.*
- Equip the students with competent and cutting edge technologies.*
- Mould the students to meet the changing challenges with global outlook.*
- Inculcate moral and ethical values among students so as to serve the needs of the society.*



V.K Shamsudeen
Chairman

Message - Chairman

"The power that exists between people when they feel seen, heard, and valued. – Brene Brown

Goodwill, time and effort are some of the currencies we spend in our interactions with people. The more of these we put in, the more significant our emotional bank accounts' deposits. Each time we do things that hurt our relationships with people, we make withdrawals from this account. Now, the status of our relationships is determined by the emotional account balance. A positive balance indicates a healthy relationship.

Consequently, it will be easier to solve potential problems. When there are no deposits in the account, the relationship becomes a disaster waiting to happen. We will have to watch ourselves around these people and be mindful of the things we say to them. A wrong word might cause an eruption. Empathy and excellent listening skills will help us come up with win-win solutions to situations that need attention. When we engage in acts such as being selfish, not listening with empathy, or breaking our promises, we make withdrawals.

Dear staff and students, be ready to defend others in their absence. Be loyal in addition to being courteous and sensitive to their needs, and maintain a positive balance in your emotional bank account.



Dr. Jose k Jacob
Principal

Message - Principal

"What lies behind us and what lies before us are tiny matters compared to what lies in us" Oliver Wendell Holmes.

A clear-cut end goal can help you work towards that objective more effectively. If you don't know your final outcome, it's harder to get motivated. Instead of working towards the next goal or milestone all the time, you should always have an end in mind and continually work towards it. If a new strategy fits into your overall plan and helps you reach that end point faster, then go ahead!

All things are created twice - mental or first creation and physical or second creation. Before a house is built, a plan is drawn specifying the number of rooms, layout, size etc. To win, you must visualize what winning means and then implement it. The same is true in the case of parenting as well as mentoring. If you want to raise responsible, self-disciplined children, you must keep that end clearly in your mind as you interact with your children on a daily basis.

Dear students, to define your goals and creed, create a personal mission statement. It is a document that clarifies your principles and fundamental values. Your mission statement will guide your action.

UEC Management

V.K Shamsudeen, Chairman & Managing Trustee

P.B. Abdul Jabbar, Chief Patron

P.K. Salim, Vice Chairman

C.K. Mukundan, Vice Chairman

Jayraj B. Pillai, Secretary

V.K. Abdul Gafoor, Treasurer

V.K. Abdul Salam, Joint Secretary

Jabir K. Mohmmmed, Executive Director

P.B. Anvar, Executive Member

P.B. Zainudeen, Executive Member

Academic Heads

Dr. Jose K Jacob, Principal

Dr. K K Narayanan, Head of the Department, Applied Science & Humanities

Dr. Sreeraj R, Head of the Department, Computer Science & Engineering

Dr. Premshankar, Head of the Department, Mechanical Engineering

Dr. Harinarayan N H, Head of the Department, Civil Engineering

Dr. Joly, Head of the Department, Electrical & Electronics Engineering

Dr. Arun Pradeep, Head of the Department, Electronics & Communication Engineering

CLUB ACTIVITIES FOR THE MONTH - DECEMBER 2022

- KTU E-Zone and inter-zone tournament preparations - Sports
- Awareness class about AIDS (World AIDS Day) - Science Club
- Technical debate - Srishti Club
- Pollution control day - NSS
- Fusion360 Demonstration Workshop - TechnoCAD Club
- Aptitude Hunt Series - Thinkbots -Revive - Internal Training Team
- Add-on Course: FOSS – An add-on course on any one FOSS application -FOSS Club
- Seminar on 'How to apply for seminar, FDP grants' -R&D Cell
- Industrial Visit -Tesla - Association
- Workshop - Wings Club
- Human rights day - NSS
- International energy day - Technical talk -CESA - Association
- Energy conservation day - NSS
- Energy conservation day celebration - ENCON Club
- Essay competition on methods to save energy (National Energy Conservation Day) - Science Club
- Poetry Competition (English) - Literary & Debate Club
- Technical talk -Srishti Club
- Circuit designing and implementation competition for S3, S5 and S7 students. -ION Club
- Debate -Tesla - Association
- North Indian dance performances -Dance Club
- Yoga training - Women on wellness -Women cell
- Aptitude Hunt Series - Thinkbots -Revive - Internal Training Team
- Christmas celebration by staff club- Staff Club
- Tech talk/webinar - Agni - Association
- National mathematical day celebration - Mathematics Club
- Add on Course -AIR Club
- Mass christmas carol singing -Music Club
- Session on Design thinking and critical thinking - IIC & IEDC Club
- Social awareness talk -ARMS - Association

Message - HOD



Dr. Arun Pradeep
Associate Professor & HOD, ECE

As exciting it may sound, the transition from school to college can be equally daunting in the absence of proper guidance. Innumerable trajectories open up in college for youngsters, however eventually, many students end up feeling lost. This is where the role of a senior kicks in.

Who is a senior? A person, who is always willing to lend a hand, be it regarding academics or extracurricular activities. Seniors play the dual role of a friend and a mentor.

They are the people who have been in your very shoes before you, therefore can empathize with your conundrums. They counsel you on what to study, how to study, projects to take up, internship opportunities, higher studies, and plain old personal problems amongst other things. They are an invaluable inventory of relevant information.

The role of a senior in college is insurmountable. Seniors, from their inventory of experiences, share the tricks and techniques to deal with that particular tough paper. Besides, providing us with notes, our seniors sometimes go an extra mile to teach us tougher concepts in a subject.

Working with seniors while preparing for an event, just like the Hello-Ween Gala, can be a basic simulation of a corporate ecosystem. Teaming up with seniors to pull up events or projects helps us to understand the terms of working and instils basic etiquettes needed to be incorporated.

On an emotional level, seniors are better experienced than juniors in handling stress. They can figure out the sources of stress in most cases. They understand a junior's position better than any other adult in a way since they are either going through it or recently gotten over it. Experience counts.

Keeping all the points under consideration, a junior must seriously consider building a good rapport with seniors. A fresher should join societies that interest him or her. Societies in colleges provide a platform and space for interaction among juniors and seniors. One should also be very active in department's work and events. A junior should go an extra mile to initiate a conversation sometime and seek help on academic issues.

We won't live long enough to make mistakes and learn from it but we can be wise to learn from mistakes our seniors committed.



The first phase of the campaign "lahari Muktha Keralam" at Universal Engineering College named "Bodhapoornima" campaign concluded on 01-11-2022. The event was organized by NSS Unit 590

Kerala Piravi Dinacharanam



Literary & Debate Club organized “Kerala Piravi Dinacharanam” on November 1 st , 2022. The program was inaugurated by T.A Iqbal (Cultural Activist). This program was arranged mainly for first-year students, and the total number of participants is around 210.



Halloween Gala Hola juniors

The freshers day celebration for 2022-23 batch was conducted on November 5th 2022. The entire program was done with a Halloween theme and was titled as 'Halloween Gala hola juniors'.

Program was inaugurated by Dr. Jose K Jacob, Principal UEC at 9:45am. The Forenoon programs were started with an ice breaking session for the freshers followed by cultural activities like group choreo, music, mimicry etc, by students of UEC.



The afternoon session was kickstarted by a musical Fiesta by Team Decibels, the music club of UEC. It was then followed by a fashion show based on the Halloween theme. Winners of the fashion show were given cash awards sponsored by Mediate Digital, a marketing agency launched by students of UEC. Further cultural activities of students came to an end by 3:30 p.m.

The entire program was concluded with a musical live performance by Band Thirumali and DJ performance by Thudwiser. Program ended by 5:20pm. A flash-mob was conducted at campus, a day before the event as an official launch, by Denza crew, the dance club of UEC. Mr.Amal VK, (Asst prof, ME dept) and Mr.Sijo Antony (Asst prof, CE dept) was assigned as Staffs-in-charge for the function with overall monitoring by Dr.Sreeraj R (HOD, CSE dept).



TECHNO-YATHRA WORKSHOP SERIES

A three-day workshop on “PYTHON FOR SCIENTIFIC APPLICATION” was organised by FOSS club in association with RACE on 17/10/2022, 18/10/2022 and 24/11/2022. The venue was SDPK lab, Main Block. The resource person was Dr. Sreeraj R (HOD, CSE, UEC). This session was a part of Techno-Yathra Workshop Series which aims to enhance the technical skills of students. The session was anchored by Ms. G Bhadra Nair (Student, S3 CSE). There was a feedback session in which students expressed their gratefulness for the wonderful session. They also expressed their willingness to attend such practical sessions in future. The session was concluded by a vote of thanks by Mr. Vishnu M S (Student, S3 CSE).



MAGAZINE RELEASE



AZADI the college magazine of 2k21-22 was unveiled at seminar hall on 16th November 2022. It is the right portrait of the VAAKA students union giving information of various events, astonishing achievements, mesmerizing memories, activities, competitions and workshops organized all round the year. It also unfolds the splendid talent of the students in academics, sports, art & craft. Renowned malayalam poet and film lyricist Engandiyur Chandrasekharan released the magazine.

Workshop on CADD

TechnoCAD Club of Mechanical Engineering Department, Universal Engineering College conducted a workshop on “CADD – computer aided design and drafting on 2 November 2022 at 9.00 am. The workshop was conducted especially for S3 ME students of the department; to create awareness about the Computer aided design and drafting. The workshop was started with a silent prayer, Mr. Denny C D, (Staff coordinator of TechnoCAD Club) delivered the welcome address. Principal, Dr. Jose K Jacob, delivered the presidential address and congratulated the club members for organizing such a workshop and motivated the participants to enhance their CAD skills.



Poomangalam, Kerala, India
75VW+WPV, Poomangalam, Kerala 680688, India
Lat 10.294906°
Long 76.196805°



Poomangalam, Kerala, India
75VW+WPV, Aripalam Paingode Rd, Poomangalam, Kerala
680688, India
Lat 10.294782°
Long 76.196723°
02/11/22 09:26 AM

Mr. Hridesh S, Assistant Professor ME, Universal Engineering College, Thrissur, handled the technical session The webinar was concluded by 4.00 pm with a vote of thanks by Mr.Vimal N.A co-coordinator of TechnoCAD Club.



Padheyam- lunch packet distribution at Kodungallur by NSS 590, UEC volunteers on 13/11/2022

Padheyam- lunch packet distribution at Irinjalakuda by NSS 590, UEC volunteers on 13/11/2022



Workshop on Drone Technology

Robotics Club of Mechanical Engineering Department, Universal Engineering College conducted a workshop on “Drone Technology” on 15&16 November 2022. The workshop was conducted especially for ME students of the department; to enhance the knowledge about the Drone technology and it’s manufacturing. The workshop was started with a silent prayer, Vishak Das (Student coordinator of Robotics Club) delivered the welcome address. Head of Department, Dr.PremSankar R, delivered the presidential address. Principal, Dr. Jose K Jacob inaugurated the Robotics Club and congratulated the club members for organizing such a workshop.



Mr. AjithV, UAV Trainer, AUAVs Pvt. Ltd, handled the session. The workshop was concluded on 16 November by 4:30 pm with a vote of thanks by AkshayDileep, Student coordinator of Robotics Club.

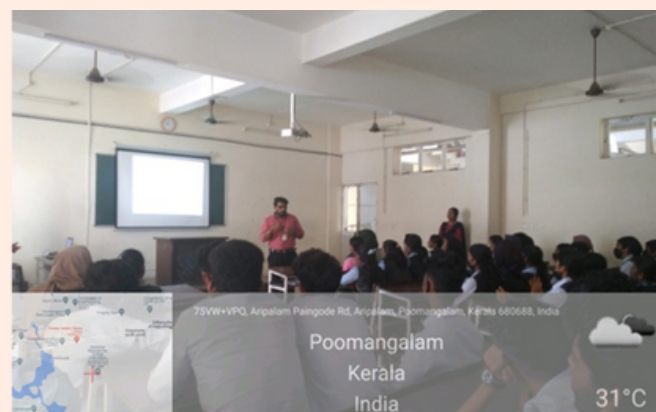


TECHNICAL TALK

A Technical Talk on “ Safety in construction” was conducted by SRISHTI Tech Club, on 30th November,2022 at 11:00 am at B 204, CE Dept. The session started with welcome speech by Ms. Chithira Krishnakumar (AP & Staff Coordinator of SRISHTI Tech Club). DR. Harinarayan N H delivered the HODs Address. The session was followed by the techinal talk lead by the students of Second Year Civil engineering students.

Student Speakers: Ms. Najiya P J, Mr. Nandhukrishna, Mr. Koushik P K

The talk gave basic ideas on safety precaution that has to be taken in construction field to the students. Mr. Sajan Jose(AP,CE) facilitated the session. The session concluded at 12.00 pm by Vote of Thanks.



Padheyam - lunch packet distribution by NSS 590 volunteers at Triprayar on 27/11/2022



Padheyam- lunch packet distribution by NSS 590 volunteers at Thriprayar

WORKSHOP

Workshop on 'The Art and Science of Journal Paper Writing' was organized by AIR club on 21st November 2022. Program began with silent prayer followed by Welcome address by Ms Reshma P S, Assistant Professor in the Department of Electronics and Communication Engineering. The recourse person of the program was Dr. Arun Pradeep , HOD , Department of Electronics and Communication Engineering. In the Program, Dr.Arun Pradeep explained about the relevance of the paper publication. And he explained about different types of Journals and he gave detailed explanation regarding the format of the paper publication. The programme ended with Vote of Thanks by Ms. Divya A S, S7 ECE .Feedback was received from the participants. On the whole the program was well appreciated by the participants.



PLACEMENT TRAINING



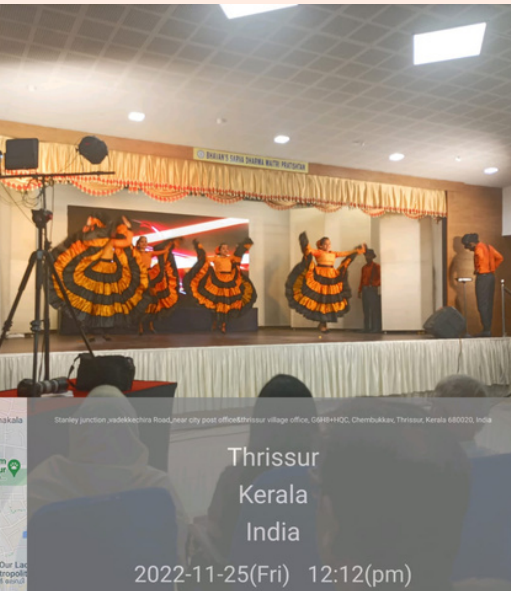
Training and Placement Cell of Universal Engineering College has conducted a 2 day offline TCS training programme on 28-11-2022 & 29-11-2022 for final year CSE and ECE students of UEC at Seminar Hall A block . Mr. Vigneshwaran , Trainer, Jay's Academy handled the training programme on 28-11-2022 and Mr. Rajath, Trainer, Jay's Academy handled the training programme on 29-11-2022. Around 50 final year students attended the training. The objective of the training session was to train the students of UEC on various aspects such as Aptitude tests, communication and interview skills.

WORKSHOP

Hands-on workshop on LinkedIn was conducted on 30th November 2022 by the IEDC, UEC. The workshop was for the IEDC members. The resource persons were, Ajil Ibrahim (State Web Lead), Christo Paul (Core Memeber), Athul Krishna (EY intern(core)), Akhil P Raj (Tech lead(Block chain developer)). They were the core team members of IEDC, Christ College of Engineering. The workshop started at 10:00 AM and lasted till 1:00 PM. 46 students from our college attended the event. During the workshop, they had guided the students to create a LinkedIn account and also provide an insight about the opportunities and the ways that the LinkedIn would be helpful in their career.



DENZA CREW



Denza crew, the dance club of Universal Engineering College performed in Asianet Plus Life style awards at Thrissur on 25/11/2022. Ms. Gayathri K K (AP, ECE) is the staff coordinator and Mr Sanjay K S (Student, S7 EEE) is the student coordinator of Denza crew.

Around 35 students performed in stage. As a token of gratitude they presented a Memento to Universal Engineering College.

ENCON CLUB



Encon club of UEC established Community development through Polytechnic extension centre(Under the Govt Women's Polytechnic College Nedupuzha)at Busthania, Vellangallur. The CDTP centre inaugurated by Sri V R Sunilkumar MLA. Smt Njanambika V A, Principal , WPTC, Nedupuzha delivered the presidential address. Sri P K M Ashraf delivered the welcome speech. Principal incharge Dr premsankar R as Chief guest. Sri K K AbdulRazak coordinator co Ordinator Encon club and dignitaries from panchayaths delivered the Felicitation address.



As a part of Energy conservation awareness among our students, Encon club of UEC organized a Workshop in LED bulb assembly training. The Workshop inaugurated by Principal incharge Dr K K Narayanan Sir. I express my sincere thanks to Dr Narayanan Sir, Dr Joly miss Hod EEE, Dr Arun Sir Hod ECE, lab Instructors - Sreenivasan, Roserani, Ginja, Haseena, Mariya melvi, Jasmin, Noorjahan and member's of Encon club.



Encon club of UEC in associate with Kerala State Forest and Wildlife Department organized a Trekking at Peechi Forest. 31 Encon club member's and 4 staff members are participated in Trekking. I would like to express my sincere thanks to our Management, our Principal Dr Jose k Jacob Sir, Geo Sir, Akhil Sir, Sreenivasan, Haseena, Noorjahan, Encon club member's of UEC for thier whole hearted support and cooperation

ISHRAE Student Chapter Installation Ceremony



Department of Mechanical Engineering have conducted ISHRAE Student Chapter installation ceremony on 25th November, 2022 for the academic year of 2022 - 23 by the chief guest Mr. Tony Thomas Senior Manager – Advanced Building Solutions & President elect. of ISHRAE Kochi Chapter. Student Chapter treasurer Mr. Ajay Manikandan has delivered the welcome address. The honourable Principal of the institution Dr. Jose K Jacob has given the Presidential address and honouring the chief guest with Memento. The chief guest Mr. Tony Thomas has inaugurated the function by lighting the lamp following by his inaugural address. The Prestigious part of our installation ceremony, Mr. Tony Thomas, President elect. Of ISHRAE Kochi Chapter has introduced Mr.Arjunkrishna R.G. as President, Mr. Navaneeth K.S. as Secretary, Mr. Ajay Manikandan as Treasurer, Mr. Adhithyan V.S. as President Elect., Mr. Akshay Rajesh P.R., Mr. VishakhDasC.S., Mr. Mohamed Maheenas CWC Members of ISHRAE Student chapter 2022-2023. The oath taking function was held after inauguration ceremony, where the President Elect.of ISHRAE Kochi Chapter made the students to take an oath.



After the oath acceptance Dr.Premsankar, HOD of mechanical engineering has delivered the keynote address followed by the felicitation speech by Mr. Akhil Ramesh, Faculty in charge of ISHRAE student chapter. On behalf of Department of Mechanical Engineering Mr. Arjunkrishna, President of student chapter has given the vote of thanks to all.

After the inauguration session there was an orientation class by Mr. Syed Nazif, Student activity chair of ISHRAE Kochi Chapter. He has delivered the talk on “various job opportunities in HVACindustry”.

ARMS INAUGURATION

The Department of Mechanical Engineering, Universal Engineering College, Vallivattom, conducted the ARMS (Association of Royal Mechanical Students) inauguration (2022-2023) with a technical talk. The programme was held at the B-block seminar hall on November 23, 2022, from 10:00 a.m. to 12:30 pm. The event was inaugurated by Dr. V. Anantha Subramanian, (Retd. Professor, IIT Madras). The welcome speech was delivered by Mr. KrishnaKumar P.V. (Staff in charge). Dr. Jose.K.Jacob, Principal, Universal Engineering College delivered the principal address. The presidential address was delivered by Dr. Prem Sankar.R., HOD , Mechanical department. The vote of thanks was delivered by N.S.AthulKrishna(Secretary ,ARMS).



NSS 590, UEC conducted a blood donation camp in association with IMA Thrissur, sponsored by HDFC Bank

STUDENT ACHIEVEMENTS



KONCEPT

CERTIFICATE OF APPRECIATION

This is to certify that
**Noufala TS, Fathima Mohammed Ali,
Rashida Moonakaparambil Majeed, Aishwarya KS, Aleena PR**
Has presented and published a paper titled
**REVIEW ON DEPRESSION DETECTION AND MONITORING SYSTEM
USING SPEECH, TEXT AND FACIAL EMOTIONS**
at **KONCEPT**
A conference on Computer Science Engineering Paradigms and Trends
Organized by the Department of Computer Science & Engineering
In association with Computer Society of India & PROCESS
on 17th and 18th November 2022
at Providence College of Engineering, Chengannur.

Dr. Bibin Vincent
Convener

Dr. Santhosh Simon
Principal

Ms. Marilamma George
Chairperson



KONCEPT

CERTIFICATE OF APPRECIATION

This is to certify that
**Deepak K N, Maxen Varghese, Mohammed Rasnal K A,
Rohith Sekhar N, Amal E A**
Has presented and published a paper titled
AI RECEPTIONIST: A SYSTEMATIC LITERATURE REVIEW
at **KONCEPT**
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Principal

Ms. Marilamma George
Chairperson



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CERTIFICATE OF APPRECIATION

This is to certify that
**Muneebah Mohyiddeen, Anoodh Hussain,
Nandana P Narayanan, Sana TH, Sneha Soman**
Has presented and published a paper titled
DG CURE: SYSTEMATIC LITERATURE SURVEY
at **KONCEPT**
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In association with Computer Society of India & PROCESS
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Convener

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Principal

Ms. Marilamma George
Chairperson



KONCEPT

CERTIFICATE OF APPRECIATION

This is to certify that
**Najla Nazar, Badarunnisa T S, Adithya VT,
Sanjana M Sunil, Sanitta Benny**
Has presented and published a paper titled
A REVIEW ON: SMART TECHNICAL INTERVIEWING SYSTEM
at **KONCEPT**
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Convener

Dr. Santhosh Simon
Principal

Ms. Marilamma George
Chairperson



KONCEPT

CERTIFICATE OF APPRECIATION

This is to certify that
Dr. Sreeraj R, Akhay Ravi U, Megha M R, Soniya C J, Varsha Valsan
Has presented and published a paper titled
REVIEW ON BRAIN TUMOR ANALYSIS AND DETECTION TECHNIQUES
at **KONCEPT**
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Convener

Dr. Santhosh Simon
Principal

Ms. Marilamma George
Chairperson



KONCEPT

CERTIFICATE OF APPRECIATION

This is to certify that
**Albin Mathew, Vidya A, Vysali V S,
Vishnu M R, Irfana Parveen C A**
Has presented and published a paper titled
**A SYSTEMATIC SURVEY ON AYURVEDIC HERB IDENTIFICATION AND
TREATMENT GENERATOR USING DIFFERENT TECHNIQUES**
at **KONCEPT**
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Dr. Bibin Vincent
Convener

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Principal

Ms. Marilamma George
Chairperson



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CERTIFICATE OF APPRECIATION

This is to certify that
**Chinju Poulouse, Ramna Parvan V.N, Athira Shaji,
Annmaria K.B, Anagha Suresh**
Has presented and published a paper titled
REVIEW ON LIP READING SYSTEM BASED ON DEEP LEARNING
at **KONCEPT**
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Dr. Bibin Vincent
Convener

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Principal

Ms. Marilamma George
Chairperson



7 project group of Computer Science and Engineering Department presented and published a paper on Conference "Computer Science Engineering Paradigms and Trends" organised by Department of Computer Science and Engineering in association with Computer Society of India & PROCESS on 17th and 18th November 2022 at Providence College of Engineering, Chengannur

SPORTS



Physical Education Department of Universal Engineering College organised an Anti-Drug Football Goal Challenge as a part of government project. The Goal challenge was inaugurated by principal Dr. Jose K Jacob.

Congratulations



E-Zone Runner up